Dr. John T. Landrum  
Director of the FIU Office of Pre-Health Professions Advising

Mrs. Christina Callahan  
FIU Pre-Health Professions and Biology Advisor

Mr. Gregory Thomas  
Coordinator, FIU Pre-Health Professions Advisor

Contact Information:  
Email: preprof@fiu.edu  
Phone: 305.348.0515  
Web: http://prehealthadvise.fiu.edu  
Office: DM 331A

Requirements for Pre-Medical Professions

Choosing a Major:

- See an Advisor
- Pre-health students must choose a major (pre-health is not a major).
- Commonly chosen majors include biology, chemistry, biomedical engineering or physics. However, any major is acceptable, so long as students complete the pre-health requirements.

Qualities of Professional School Applicants:

1. A high GPA in science and non-science courses – a competitive GPA is above a 3.6
2. High Scores on the MCAT.
3. Active in volunteer/work experience/extracurricular events
4. Has significant clinical experience – shadowing & volunteer work are essential!
5. Well known by professors
6. Great letters of recommendation and evaluations
7. Have a strong, working relationship with the Pre-Health Advising Office!

Common Pre-requisites for Admission to Medical Schools:

<table>
<thead>
<tr>
<th>Biology</th>
<th>Mathematics (minimum req.: Two semesters of university level math)</th>
</tr>
</thead>
<tbody>
<tr>
<td>BSC 1010, 1010L (General Bio I &amp; Lab)</td>
<td>MAC 2311 &amp; MAC 2312 (Calculus I &amp; II) OR</td>
</tr>
<tr>
<td>BSC 1011, 1011L (General Bio II &amp; Lab)</td>
<td>MAC 2311 &amp; STA 2122 &amp; STA 3123 (Intro to Statistics I &amp; II) -OR-</td>
</tr>
<tr>
<td>General Chemistry</td>
<td>MAC2311 &amp; STA 3111 &amp; STA 3112 (Statistics I &amp; II)</td>
</tr>
<tr>
<td>CHM 1045, 1045L (Gen. Chem. I &amp; Lab)</td>
<td>Pre-Medical Students* Must Take:</td>
</tr>
<tr>
<td>CHM 1046, 1046L (Gen. Chem. II &amp; Lab)</td>
<td>Gen. Biochemistry (BCH 3033) -OR- Biological Chemistry (CHM 4304)</td>
</tr>
<tr>
<td>Organic Chemistry</td>
<td>Intro to Social Psychology (SOP 3004) &amp; Intro to Sociology (SYG 2000)</td>
</tr>
<tr>
<td>CHM 2210, 2210L (Org. Chem. I &amp; Lab)</td>
<td>STRONGLY RECOMMENDED:</td>
</tr>
<tr>
<td>CHM 2211, 2211L (Org. Chem. II &amp; Lab)</td>
<td>EXP 4604 (Cognitive Processes) OR PSB 4002 (Intro to Bio Psychology)</td>
</tr>
<tr>
<td>Physics I</td>
<td>SYO 3400 (Medical Sociology) OR ANT 3462 (Medical Anthropology)</td>
</tr>
<tr>
<td>PHY 2053, 2048L (Gen. Physics I w/out Calc) OR PHY 2048, 2048L (Gen. Physics I with Calc)</td>
<td></td>
</tr>
<tr>
<td>Physics II</td>
<td>*Entering Freshman &amp; students who expect to take their MCAT in 2015 or later, Biochemistry is now required.</td>
</tr>
<tr>
<td>PHY 2054, 2049L (Gen. Physics II w/out Calc) OR PHY 2049, 2049L (Gen. Physics II with Calc)</td>
<td>Note: Organic Chemistry II is a pre-requisite for Biochemistry.</td>
</tr>
</tbody>
</table>

*Rev. 040914
Requirements for professional schools may vary (i.e. math courses, social sciences). Students should consult specific websites for information on requirements for desired schools.

AP Credits
- Not all professional schools will accept AP credit for science courses (for a list, ask a pre-health advisor)
- Contact the school(s) you are interested in to find out if they accept AP credits
- If a school accepts AP credits, they will usually require additional courses taken in that subject area

The MCAT
- MCAT review courses may be taken by potential applicants in the year prior to professional school application
- Genetics, Physiology, and Cell Biology courses are recommended prior to taking the MCAT or DAT

GPA Calculation
- Most professional schools will calculate your Overall GPA as well as your Science & Math GPA (BCPM GPA) for admission
- AP credits are NOT computed into your GPA
- ALL post-secondary coursework will be used to compute your GPA for admission
  - Dual-enrollment and transfer courses DO count toward your GPA for admission
- Professional schools DO NOT use “forgiveness” policies in calculating your GPA
- DR grades do not count in your GPA. However, avoid DR grades. Professional schools expect students to carry a consistent, full-time course load (15-18 credits)

Professional Experience
- Experience must involve physician/patient observation (typically students have >120 hours)
- Students should have at least one year of experience through volunteer or paid positions
- For Veterinary School, experience with all types of animals (small, large, and exotic) is expected
- Students must demonstrate a knowledge of their chosen profession when applying to professional school
  - NOTE: Many otherwise well-qualified applicants are not accepted because they lack sufficient experience and or knowledge of their chosen profession

**Academic Advising**
All lower-division, Pre-Health students must see an advisor in their Major Department in addition to an advisor in the Office of Pre-Health Professions Advising prior to registration each semester!